# SCDXC Newsletter



The Southern California DX Club is a group of dedicated men and women active in the amateur radio community who enjoy communicating over the air with other radio amateurs around the world.

The SCDXC strongly supports the DX Code of Conduct. Please visit their website:

#### www.dx-code.org

The SCDXC newsletter is published monthly and released to club members around the first of each month. Amateur and DX related letters, news and pictures are welcome and will be published as time and space permit.

Articles will be republished with recognition of the author and the club. Reuse of copyrighted materials require the original author's permission.

Any questions regarding this newsletter or its articles should be addressed to the Editor, Bill, N6RV at:

#### n6rv@scdxc.org

Club meetings are held on the second Thursday of the month at 7:00 PM except April, June, and December.

Please check the club web site for events and details at:

http://www.scdxc.org

If you are in the area please say hello on our repeater:

W6AM/R 145.48, (-) PL 100.0

# In our February 2020 issue...

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Bill Kendrick N6RV

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# From the Desk of the President Scott Orr, W6MKO

Hello Club,

This is going to be a short message, I'm without my computer and shack, due to some construction in the house. We started this year with a great presentation by Arnie and I'm sure we will have a year of them. If anyone has some ideas for presentations, let Doug or myself know.

Registration for the DX convention is open and if you are looking for a specific group to sit with you need to make your requests as soon as possible. It is going to be a great convention, so don't miss out.

I know I write this every time, please beware of scams, if in doubt call or email me.

Good bye for now, be kind to one another and good DXing.

Scott W6MKO

Scott Orr 2020 SCDXC President W6MKO

# VP February 2020 Blurb Doug - W6HB

Many thanks to our own Arnie, N6HC, for his great presentation on the VP6R expedition last month! I know I learned more about the history of Pitcairn that I did previously.

February's Valentine's Day presentation will feature YL Stephanie Sampson with the LAWA (Los Angeles World Airport). She will present and answer questions on the multi-billion dollar upgrades now in progress. Having heard her talk previously I can assure you she is a superb speaker who will also be joining us for dinner at the Sizzler.

I remind you again that I am open for programs. Please forward any solid ideas and leads to me at w6hb@arrl.net.

73 and Good DXing! Doug Dowds W6HB

# Stephanie Sampson Director of Communications LAX Landside Access Modernization Program (LAMP)

Stephanie is the Director of Communications for the LAX Landside Access Modernization Program (LAMP), overseeing all aspects of communications and community outreach for the \$5.5 billion project. In this role, Stephanie manages the communication efforts for consultants and contractors for the various projects, as well as works closely with the LAX External Affairs Division to ensure stakeholders and community members receive updates on developments and impacts for the LAMP project. She also sits on the LAX Coastal Chamber of Commerce Board of Directors, representing the airport, and is the liaison to the Gateway Los Angeles Business Improvement District.

Prior to joining LAX, Stephanie worked in sports communications. She earned her Master's Degree in Sport Management and her Bachelor's Degree in Communications from Cal State Long Beach.

# **February Calendar**

February 1 10-10 SSB Contest

February 1 Mexico International RTTY Contest

February 8 CQWW WPX RTTY Contest February 13 Regular Meeting 7:00 PM

February 15 ARRL International DX Contest, CW

February 22 CQ 160-Meter Contest, SSB

February 22 UK/EI DX Contest, CW February 22 SARL Digital Contest

February 22 UBA DX Contest, CW

For more contest Info see: <a href="http://www.hornucopia.com/contestcal/contestcal.html">http://www.hornucopia.com/contestcal/contestcal.html</a>

# **Rumors on the Band**

It looks like we have a lot of rare DX coming up this month! Remember the WPX RTTY Contest and the ARRL CW International DX Contest is on for February! Can you believe there are two DXpeditions to Cocos Island as well as the big South Orkney DXpedition! It is time to dust off your radios and get to working DX!

All DX worked on February 29th does not count. It is a fictitious day and you should ignore all the activity on the band. Next year that day will disappear ... again!

QTH	Call	<b>Start Date</b>	<b>End Date</b>	Information
Chagos	VQ9RA	Now	30-Jan	WW6RG 20m SSB
Norfolk	VK9NK	Now	31-Jan	SP9FIH 160-10m CW SSB RTTY
Gambia	C5	Now	31-Jan	G5XW 40-17m
Somalia	6070	Now	5-Feb	EP3CQ 160-6m SSB CW FT8
Gambia	C5XW	Now	7-Feb	G5XW 40-17m
Cocos Isl.	TI9C	Now	9-Feb	XE1B HK5OKY 160-6m SSB
Congo	9Q1C	Now	29-Feb	IK7UXW HF
Cocos Isl.	TI9A	2-Feb	8-Feb	TI2JV RA9USU UA3AB SM6LRR all bands all modes
Tanzania	5I4TT	4-Feb	18-Feb	I1FQH I1HJT I2PJA I2YSB IK2CIO IK2CKR IK2DIA IK2HKT IW1ARB JA3USA
Talizallia	31411	4-reb	10-Feb	5I5TT CW SSB RTTY 5I4ZZ FT4 FT8 HF
Nauru	C21	5-Feb	8-Feb	JH3QFL (C21AA) JR3GWZ (C21GW) JA1PFP (C21PF) JH3VAA (C21VA)
Nauru	621	5-reb	o-ren	JH3AZC (C21MB) 160-6m
Palestine	E44CC	5-Feb	17-Feb	F4AJQ and team 160-10m CW SSB RTTY PSK FT4 FT8
Tanzania	5H4WZ	6-Feb	18-Feb	OK2WM OM5ZW OM5MF OM4AZF SP9LJD 160-10m CW SSB RTTY FT8
Azerbaijan	4K6/TA7AOF	7-Feb	12-Feb	TA7AOF SSB FT8 CW
St Barthelemy	FJ/N2IEN	15-Feb	22-Feb	N2IEN WW2DX W2RE WW1X HF Digital
Tanzania	5H3DX	16-Feb	16-Mar	NK8O 40-10m CW PSK31 FT8 SSB
Senegal	6W7/ON4AVT	16-Feb	27-Feb	ON4AVT 60 40 20 10m mainly FT8 FT4, SSB
Maldives	8Q7HK	19-Feb	24-Feb	JG1SXP 80-15m FT8 CW SSB
Norfolk Isl.	VK9NR	20-Feb	25-Feb	AA4NC AA4VK 160-10m;CW FT4 FT8 SSB
South Orkney Isl.	VP8PJ	20-Feb	5-Mar	K3EL W2LK W1SRD PY2PT K5GS W7XU DJ9RR HA0NAR WA6O UT6UD
Journ Orkney ISI.	VFOFJ	20-Feb	o-war	N6XG N7QT HB9BXE 160-10m SSB CW RTTY FT8
Ivory Coast	TU5PCT	24-Feb	29-Feb	OK1BOA OK1FCJ OK6DJ 160-10m CW SSB RTTY FT8

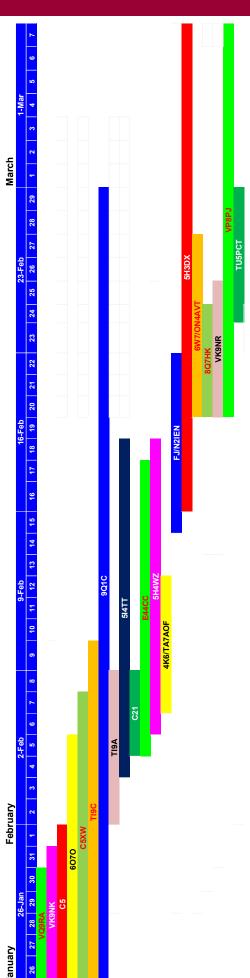
# **Tid Bits**

### **Elecraft KX3 SO2R Mobile Contest Station (M0SNA / W6PNG**

Paul put together a very impressive SO2R station in his Jeep! His blog is a great read and details his journey in mobile contesting.

**W6PNG SO2R Mobile Contest Station** 





# **DX Standings**

Chuck Constantine, KR6C says hello. He has been working a lot and the drive from Apple Valley is just too long. Chuck says retirement is in the mix and so is moving out of state.

Chuck also updated his DXCC and WAZ standings. He is one away from the top of the DXCC Honor Roll. He also completed 5BWAZ (200) and, because he submitted his numbers on 60 meters, he is at the top of the WAZ standings for the club. Way to go Chuck!

Send any updates to:

N6RV@SCDXC.org

SCDXC WAZ and DXCC Standings
The first WAZ column is the confirmed zone count on 10 bands 160 - 6 (less 60 meters). The second column is the regular 5BWAZ confirmed count. The following are the codes that follow the two columns and indicate the awards:

Mixed Phone RTTY R

Rank         Call         Total         Current         Slots         Rank         Call         Total         Current         Slots           1         W6KH         389         340         62         K6JW         329         323         1068           2         K6KII         387         340         63         AA6PW         328         328         1709			S	CDXC	Lifeti	me Si	andings			
2	Rank	Call						Total	Current	Slots
3	1	W6KH	389	340		62	K6JW	329	323	1068
4	2	K6KII	387	340		63	AA6PW	328	328	1709
6         OHZBH         377         340         6         6         N6NPG         319         319           6         ONALIN         373         340         1975         67         K7MY         319         317         831           7         NBUC         368         339         68         340         2656         69         W1YL         315         315           9         K6YUI         366         340         2568         69         W1YL         315         315           10         W6BCQ         365         340         2598         70         KCET         314         314           11         NS6C         361         340         2503         72         W6HB         311         311         309         155           13         W6SR         359         340         2799         74         NK6A         303         297         957           14         W6HT         358         340         75         K6IRD         298         292         649           15         K6FG         357         340         277         76         ZL3TE         297         294         1436           <	3	JA1BK	383	340	3147	64	N6AX	327	327	1198
6	4	K6YRA	378	340	2272	65	AC6DX	322	320	1887
The color of the	5	OH2BH	377	340		66	N6NPG	319	319	
B	6	ON4UN	373	340	1975	67	K7MY	319	317	831
Negro	7	N6UC	368	339		68	AK6I	317	317	
10	8	DJ9ZB	365	340	2665	69	W1YL	315	315	
11	9		366		2598	70		314	314	
12   K6SMF   360   338   73   N6VNI   311   309   1550	10					71				-
13	11	NS6C	361		2503	72	W6HB	311	311	
14										
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35         W6ENZ         349         339         2383         96         K6DDJ         214         211         551           36         W6VX         349         339         2772         97         NE6V         213         213         663           37         N6HC         349         340         2319         98         W6KC         203         202         589           38         KJ6Y         348         340         1312         99         W0PE         201         201           39         WASVGI         348         340         2715         100         W6JEA         195         195           40         K6ND         348         339         2562         101         N6LL         169         169           41         N6IC         347         337         102         KF6I         166         166           42         SM5GMZ         346         335         2379         103         K7LA         160         160         365           43         N6HY         345         336         2256         105         W6QE         149         149         224           45         W6FL         345 </td <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>4000</td>										4000
36         W6VX         349         339         2772         97         NE6V         213         213         663           37         N6HC         349         340         2319         98         W6KC         203         202         589           38         KJ6Y         348         340         1312         99         W0PE         201         201           39         WA5VGI         348         340         2715         100         W6JEA         195         195           40         K6ND         348         339         2562         101         N6LL         169         169           41         N6IC         347         337         102         KF6I         166         166           42         SM5GMZ         346         335         2379         103         K7LA         160         160         365           43         N6HY         345         336         2256         105         W6QE         149         149         224           44         K6RO         345         336         2256         105         W6QE         149         149         224           45         W6FL         343 <td></td>										
37         N6HC         349         340         2319         98         W6KC         203         202         589           38         KJ6Y         348         340         1312         99         W0PE         201         201           39         WA5VGI         348         340         2715         100         W6JEA         195         195           40         K6ND         348         339         2562         101         N6LL         169         169           41         N6IC         347         337         102         KF6I         166         166           42         SM5GMZ         346         335         2379         103         K7LA         160         160         365           43         N6HY         345         337         2424         104         W6EA         152         152           44         K6RO         345         336         2256         105         W6QE         149         149         224           45         W6FL         345         331         1223         106         N6DBF         142         142         374           46         KR6C         344         331<										
38         KJ6Y         348         340         1312         99         WOPE         201         201           39         WA5VGI         348         340         2715         100         W6JEA         195         195           40         K6ND         348         339         2562         101         N6LL         169         169           41         N6IC         347         337         102         KF6I         166         166           42         SM5GMZ         346         335         2379         103         K7LA         160         160         365           43         N6HY         345         337         2424         104         W6EA         152         152           44         K6RO         345         336         2256         105         W6QE         149         149         224           45         W6FL         345         331         1223         106         N6DBF         142         142         374           46         KR6C         344         331         1236         108         KI6RRD         139         138         376           48         N6PEQ         343									_	_
39         WA5VGI         348         340         2715         100         W6JEA         195         195           40         K6ND         348         339         2562         101         N6LL         169         169           41         N6IC         347         337         102         KF6I         166         166           42         SM5GMZ         346         335         2379         103         K7LA         160         160         365           43         N6HY         345         337         2424         104         W6EA         152         152           44         K6RO         345         336         2256         105         W6QE         149         149         224           45         W6FL         345         331         1223         106         N6DBF         142         142         374           46         KR6C         344         339         2042         107         AB9A         141         141           47         K6LPO         343         337         1941         109         N6CA         133         133           49         KM6HB         343         336										303
40         K6ND         348         339         2562         101         N6LL         169         169           41         N6IC         347         337         102         KF6I         166         166           42         SM5GMZ         346         335         2379         103         K7LA         160         160         365           43         N6HY         345         337         2424         104         W6EA         152         152           44         K6RO         345         336         2256         105         W6QE         149         149         224           45         W6FL         345         331         1223         106         N6DBF         142         142         374           46         KR6C         344         339         2042         107         AB9A         141         141           47         K6LPO         344         331         1236         108         KI6RRD         139         138         376           48         N6PEQ         343         337         1941         109         N6CA         133         133           49         KM6HB         343										
41         NGIC         347         337         102         KF6I         166         166           42         SM5GMZ         346         335         2379         103         K7LA         160         160         365           43         N6HY         345         337         2424         104         W6EA         152         152           44         K6RO         345         336         2256         105         W6QE         149         149         224           45         W6FL         345         331         1223         106         N6DBF         142         142         374           46         KR6C         344         339         2042         107         AB9A         141         141           47         K6LPO         344         331         1236         108         KI6RRD         139         138         376           48         N6PEQ         343         337         1941         109         N6CA         133         133           49         KM6HB         343         336         1933         110         N6RU         129         128         279           50         N6PE										
42         SM5GMZ         346         335         2379         103         K7LA         160         160         365           43         N6HY         345         337         2424         104         W6EA         152         152           44         K6RO         345         336         2256         105         W6QE         149         149         224           45         W6FL         345         331         1223         106         N6DBF         142         142         374           46         KR6C         344         339         2042         107         AB9A         141         141           47         K6LPO         344         331         1236         108         KI6RRD         139         138         376           48         N6PEQ         343         337         1941         109         N6CA         133         133           49         KM6HB         343         336         1933         110         N6RU         129         128         279           50         N6PE         343         331         1941         111         K6MKL         126         126         185 <t< td=""><td></td><td></td><td></td><td></td><td>2302</td><td></td><td></td><td></td><td></td><td></td></t<>					2302					
43         N6HY         345         337         2424         104         W6EA         152         152           44         K6RO         345         336         2256         105         W6QE         149         149         224           45         W6FL         345         331         1223         106         N6DBF         142         142         374           46         KR6C         344         339         2042         107         AB9A         141         141           47         K6LPO         344         331         1236         108         KI6RRD         139         138         376           48         N6PEQ         343         337         1941         109         N6CA         133         133           49         KM6HB         343         336         1933         110         N6RU         129         128         279           50         N6PE         343         331         1941         111         K6MKL         126         126         185           51         AI6Z         342         335         2174         112         K6DSW         122         122         268 <td< td=""><td></td><td></td><td></td><td></td><td>2379</td><td></td><td></td><td></td><td></td><td>365</td></td<>					2379					365
44         K6RO         345         336         2256         105         W6QE         149         149         224           45         W6FL         345         331         1223         106         N6DBF         142         142         374           46         KR6C         344         339         2042         107         AB9A         141         141         141           47         K6LPO         344         331         1236         108         KI6RRD         139         138         376           48         N6PEQ         343         337         1941         109         N6CA         133         133           49         KM6HB         343         336         1933         110         N6RU         129         128         279           50         N6PE         343         331         1941         111         K6MKL         126         126         185           51         AI6Z         342         335         2174         112         K6DSW         122         122         268           52         K7ACZ         341         331         1416         114         W6MKO         110         0         <										
45         W6FL         345         331         1223         106         N6DBF         142         142         374           46         KR6C         344         339         2042         107         AB9A         141         141         141           47         K6LPO         344         331         1236         108         KI6RRD         139         138         376           48         N6PEQ         343         337         1941         109         N6CA         133         133         133           49         KM6HB         343         336         1933         110         N6RU         129         128         279           50         N6PE         343         331         1941         111         K6MKL         126         126         185           51         AI6Z         342         335         2174         112         K6DSW         122         122         268           52         K7ACZ         341         337         1756         113         KC6TOD         120         120           53         N6MXU         341         331         1416         114         W6MKO         110         0										224
46         KR6C         344         339         2042         107         AB9A         141         141           47         K6LPO         344         331         1236         108         KI6RRD         139         138         376           48         N6PEQ         343         337         1941         109         N6CA         133         133           49         KM6HB         343         336         1933         110         N6RU         129         128         279           50         N6PE         343         331         1941         111         K6MKL         126         126         185           51         AI6Z         342         335         2174         112         K6DSW         122         122         268           52         K7ACZ         341         337         1756         113         KC6TOD         120         120           53         N6MXU         341         331         1416         114         W6MKO         110         0         0           54         N6XT         339         332         1413         115         K9TAD         109         109         137 <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>										
47         K6LPO         344         331         1236         108         KI6RRD         139         138         376           48         N6PEQ         343         337         1941         109         N6CA         133         133           49         KM6HB         343         336         1933         110         N6RU         129         128         279           50         N6PE         343         331         1941         111         K6MKL         126         126         185           51         AI6Z         342         335         2174         112         K6DSW         122         122         268           52         K7ACZ         341         337         1756         113         KC6TOD         120         120           53         N6MXU         341         331         1416         114         W6MKO         110         0         0           54         N6XT         339         332         1413         115         K9TAD         109         109         137           55         W6SW         339         331         540         116         KA6D         107         107 <td< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td<>										
48         N6PEQ         343         337         1941         109         N6CA         133         133           49         KM6HB         343         336         1933         110         N6RU         129         128         279           50         N6PE         343         331         1941         111         K6MKL         126         126         185           51         Al6Z         342         335         2174         112         K6DSW         122         122         268           52         K7ACZ         341         337         1756         113         KC6TOD         120         120           53         N6MXU         341         331         1416         114         W6MKO         110         0         0           54         N6XT         339         332         1413         115         K9TAD         109         109         137           55         W6SW         339         331         540         116         KA6D         107         107           56         W6ZPL         338         335         1367         117         K6BBC         103         103           57         K										376
49         KM6HB         343         336         1933         110         N6RU         129         128         279           50         N6PE         343         331         1941         111         K6MKL         126         126         185           51         AI6Z         342         335         2174         112         K6DSW         122         122         268           52         K7ACZ         341         337         1756         113         KC6TOD         120         120           53         N6MXU         341         331         1416         114         W6MKO         110         0         0           54         N6XT         339         332         1413         115         K9TAD         109         109         137           55         W6SW         339         331         540         116         KA6D         107         107           56         W6ZPL         338         335         1367         117         K6BBC         103         103           57         K4ST         337         332         1746         119         K6SBA         100         100           59         K										
50         N6PE         343         331         1941         111         K6MKL         126         126         185           51         AI6Z         342         335         2174         112         K6DSW         122         122         268           52         K7ACZ         341         337         1756         113         KC6TOD         120         120           53         N6MXU         341         331         1416         114         W6MKO         110         0         0           54         N6XT         339         332         1413         115         K9TAD         109         109         137           55         W6SW         339         331         540         116         KA6D         107         107           56         W6ZPL         338         335         1367         117         K6BBC         103         103           57         K4ST         337         333         1843         118         NQ6L         101         101           58         K2IXQ         337         332         1746         119         K6SBA         100         100           59         K6SY										279
51         AI6Z         342         335         2174         112         K6DSW         122         122         268           52         K7ACZ         341         337         1756         113         KC6TOD         120         120           53         N6MXU         341         331         1416         114         W6MKO         110         0         0           54         N6XT         339         332         1413         115         K9TAD         109         109         137           55         W6SW         339         331         540         116         KA6D         107         107           56         W6ZPL         338         335         1367         117         K6BBC         103         103           57         K4ST         337         333         1843         118         NQ6L         101         101           58         K2IXQ         337         332         1746         119         K6SBA         100         100           59         K6SY         335         329         1070         120         N6YQ         100         100										-
52         K7ACZ         341         337         1756         113         KC6TOD         120         120           53         N6MXU         341         331         1416         114         W6MKO         110         0         0           54         N6XT         339         332         1413         115         K9TAD         109         109         137           55         W6SW         339         331         540         116         KA6D         107         107           56         W6ZPL         338         335         1367         117         K6BBC         103         103           57         K4ST         337         333         1843         118         NQ6L         101         101           58         K2IXQ         337         332         1746         119         K6SBA         100         100           59         K6SY         335         329         1070         120         N6YQ         100         100										
53         N6MXU         341         331         1416         114         W6MKO         110         0         0           54         N6XT         339         332         1413         115         K9TAD         109         109         137           55         W6SW         339         331         540         116         KA6D         107         107           56         W6ZPL         338         335         1367         117         K6BBC         103         103           57         K4ST         337         333         1843         118         NQ6L         101         101           58         K2IXQ         337         332         1746         119         K6SBA         100         100           59         K6SY         335         329         1070         120         N6YQ         100         100										
54         N6XT         339         332         1413         115         K9TAD         109         109         137           55         W6SW         339         331         540         116         KA6D         107         107           56         W6ZPL         338         335         1367         117         K6BBC         103         103           57         K4ST         337         333         1843         118         NQ6L         101         101           58         K2IXQ         337         332         1746         119         K6SBA         100         100           59         K6SY         335         329         1070         120         N6YQ         100         100										0
55         W6SW         339         331         540         116         KA6D         107         107           56         W6ZPL         338         335         1367         117         K6BBC         103         103           57         K4ST         337         333         1843         118         NQ6L         101         101           58         K2IXQ         337         332         1746         119         K6SBA         100         100           59         K6SY         335         329         1070         120         N6YQ         100         100										
56         W6ZPL         338         335         1367         117         K6BBC         103         103           57         K4ST         337         333         1843         118         NQ6L         101         101           58         K2IXQ         337         332         1746         119         K6SBA         100         100           59         K6SY         335         329         1070         120         N6YQ         100         100										
57         K4ST         337         333         1843         118         NQ6L         101         101           58         K2IXQ         337         332         1746         119         K6SBA         100         100           59         K6SY         335         329         1070         120         N6YQ         100         100										
58         K2IXQ         337         332         1746         119         K6SBA         100         100           59         K6SY         335         329         1070         120         N6YQ         100         100										
59 K6SY 335 329 1070 120 N6YQ 100 100										
61 K6QU 329 323 1377 122 N6RRY 100 70 125										125

5 WA5VGI 364 200 M/P/C/5 6 EU7SA 357 200 M/5 7 W8DX 357 200 M/5 8 N6AW 355 200 M/P/C/5 9 K6YUI 353 200 M/P/C/R/5 10 NS6C 345 200 11 K6YRA 337 200 P/5 12 N6OU 220 200 13 SM5GMZ 352 200 M/P/C/S 14 N6WS 391 199 M/P/C/R 15 W6VX 352 199 M/P/C/R 15 W6VX 352 199 M/P/C 16 K6GXO 358 198 M 17 W6ENZ 350 197 18 N6HY 365 196 M/P/C 19 K6RO 327 196 M/P/C 20 W6TK 326 195 21 AI6Z 321 194		WAZS	tan	ding	<b>IS</b>
Color	Rank		<u>11B</u>	<u>5B</u>	<u>Awards</u>
3         W6SR         378         200         M/P/C/IS           4         K6FG         368         200         M/P/C/IS           5         WA5VGI         364         200         M/P/C/IS           6         EU7SA         357         200         M/S           7         W8DX         357         200         M/PC/IS           8         N6AW         355         200         M/PC/IS           10         NS6C         345         200         M/P/C/IS           11         K6YRA         337         200         P/S           12         N6OU         220         200         M/P/C/IS           14         N6WS         391         199         M/P/C/IS           15         W6VX         352         199         M/P/C/IS           16         K6GXO         358         198         M           17         W6ENZ         350         197         M           18         N6HY         365         196         M/P/C/IS           19         K6RO         327         196         M/P/C           20         W6TK         326         195         M				-	
4         K6FG         368         200         M/P/C/R/S           5         WA5VGI         364         200         M/P/C/S           6         EUTSA         357         200         M/PC/S           7         W8DX         357         200         M/PC/S           8         N6AW         353         200         M/P/C/RS           10         NS6C         345         200           11         K6YRA         337         200         P/5           12         N6OU         220         200           11         K6YRA         337         200         M/P/C/RS           12         N6OU         220         200           13         SM5GMZ         352         200         M/P/C/RS           14         N6WX         352         199         M/P/C/RS           15         W6XX         352         199         M/P/C/RS           16         K6GXO         358         198         M           17         W6ENZ         350         197            18         N6HY         365         196         M/P/C/RS           21         A16Z         321					
6         EUTSA         357         200         M/5           7         W8DX         357         200         M/5           8         N6AW         355         200         M/P/C/RS           9         K6YU         353         200         M/P/C/RS           10         NS6CI         345         200         P/5           11         K6YRA         337         200         P/5           12         N6OU         220         200           13         SM5GMZ         352         200         M/P/C/RS           14         N6WX         351         199         M/P/C/RS           15         W6VX         352         199         M/P/C           16         K6GXO         358         198         M           17         W6ENZ         350         197         M/P/C           18         N6HY         365         196         M/P/C           20         W6TK         326         195         M/P/C           21         AL6Z         321         194         M/P/C           22         N6MXU         155         193         M/P/C           24         KCGX </td <td>4</td> <td></td> <td></td> <td></td> <td>M/P/C/R/5</td>	4				M/P/C/R/5
7         W8DX         357         200         M/5           8         N6AW         355         200         M/P/C/5           9         K6YUI         353         200         M/P/C/R/6           10         NS6C         345         200         P/5           11         K6YRA         337         200         P/5           12         N6OU         220         200           13         SM5GMZ         352         200         M/P/C/R           14         N6WS         391         199         M/P/C/R           15         W6VX         352         199         M/P/C           16         K6GXO         358         198         M           17         W6ENZ         350         197         18           18         N6HY         365         196         M/P/C           20         W6TK         326         195           21         A16Z         321         194           22         N6MXU         155         193           23         N6RV         347         190         M/P/C/R/6           24         K6GX         320         189					
8         N6AW         355         200         M/P/C/5           9         K6YUI         353         200         M/P/C/R/6           10         NS6C         345         200           11         K6YRA         337         200         P/5           12         N60WZ         352         200         M/P/C/6           13         SM5GMZ         352         200         M/P/C/6           14         N6WS         391         199         M/P/C/6           15         W6VX         352         199         M/P/C/6           16         K6GXO         358         198         M           17         W6ENZ         350         197         M           18         N6HY         365         196         M/P/C           20         W6TK         326         195         M/P/C           21         A16Z         321         194         190           22         N6MXU         155         193         150           23         N6RW         316         184         150           24         KC6X         320         189         170           25         N6QQ <td></td> <td></td> <td></td> <td></td> <td></td>					
9 K6YUI 353 200 M/P/C/R5 10 NS6C 345 200 111 K6YRA 337 200 P/5 12 N6OU 220 200 13 SM5GMZ 352 200 M/P/C/I 14 N6WS 391 199 M/P/C/I 15 W6VX 352 199 M/P/C/I 16 K6GXO 358 198 M 17 W6ENZ 350 197 18 N6HY 365 196 M/P/C 19 K6RO 327 196 M/P/C 20 W6TK 326 195 21 AI6Z 321 194 22 N6MXU 155 193 23 N6RV 347 190 M/P/C/R5 24 KC6X 320 189 25 N6QQ 337 187 26 KM6HB 316 186 27 AC6DX 321 185 28 W6YOO 308 185 29 W6DR 316 184 30 N6GP 304 184 31 W6OU 297 184 32 K7ACZ 308 183 33 K4ST 278 182 34 AA6PW 291 181 35 N6VI 299 178 36 ZL3TE 294 178 36 ZL3TE 294 178 37 K6KII 191 177 38 KT6LA 233 173 39 K0OK 286 173 37 K6KII 191 177 38 KT6LA 233 173 39 K0OK 286 173 41 W6ZPL 237 173 42 KJGY 261 172 43 N6WT 298 164 44 N6DHZ 241 162 45 NK6A 217 156 46 W6KC 161 153 47 W6FL 256 149 48 N6PM 233 147 49 K7MY 227 141 50 NEGV 207 141 51 N6HE 195 134 49 K7MY 227 141 50 NEGW 207 141 51 N6HE 195 134 52 K6DDJ 182 132 53 K6BCIO 192 126 54 K6IRD 154 126 M/P 55 K6RI 198 118 56 N6DBF 179 118 57 W6SW 147 118 58 KIGRRD 151 111 M/P 61 K6CV 96 96 M/P 62 N6RW 140 40 M/P 63 W6ERD 151 111 M/P 61 K6CV 96 96 M/P 62 N6RW 140 40 M/P 63 K6GPU 94 66 64 K6GPU 94 66 65 N6DBF 77 118 66 K6BPLA 104 72 67 KAGTTV 82 67 68 K6QU 94 66 69 N6RRY 76 65 70 K9TAD 61 55 71 K6KIN 193 177 74 W6LEN 33 27 75 K6FOD 17 13 M/P/C					
11         K6YRA         337         200         P/5           12         N6OU         220         200           13         SM5GMZ         352         200         M/P/C/S           14         N6WS         391         199         M/P/C/S           15         W6VX         352         199         M/P/C           16         K6GXO         358         198         M           17         W6ENZ         350         197           18         N6HY         365         196         M/P/C           19         K6RO         327         196         M/P/C           20         W6TK         326         195            21         AIGZ         321         194            22         N6MXU         155         193            23         N6RV         347         190         M/P/C/R/S           24         KC6X         320         189            25         N6QQ         337         187            26         KM6HB         316         184            30         N6GP         304         184					M/P/C/R/5
12         N6OU         220         200           13         SM5GMZ         352         200         M/P/C/5           14         N6WS         391         199         M/P/C/R           15         W6VX         352         199         M/P/C           16         K6GXO         358         198         M           17         W6ENZ         350         197         M           18         N6HY         365         196         M/P/C           19         K6RO         327         196         M/P/C           20         W6TK         326         195           21         Al6Z         321         194           22         N6MXU         355         193           23         N6RY         347         190         M/P/C/R/S           24         KC6X         320         189           25         N6QQ         337         187           26         KM6HB         316         186           27         AC6DX         321         185           28         W6YOO         308         185           29         W6DR         316         184 <td>10</td> <td>NS6C</td> <td>345</td> <td>200</td> <td></td>	10	NS6C	345	200	
13         SM5GMZ         352         200         M/P/C/5           14         N6WS         391         199         M/P/C/R           15         W6VX         352         199         M/P/C           16         K6GXO         358         198         M           17         W6ENZ         350         197         M           18         N6HY         365         196         M/P/C           19         K6RO         327         196         M/P/C           20         W6TK         326         195           21         AI6Z         321         194           22         N6MXU         155         193           23         N6RV         347         190         M/P/C/R/S           24         KC6X         320         189            25         N6QQ         337         187            26         KM6HB         316         186            27         AC6DX         321         185            28         W6YOO         308         185            29         W6DR         316         184					P/5
14         N6WS         391         199         M/P/C/R           15         W6VX         352         199         M/P/C           16         K6GXO         358         198         M           17         W6ENZ         350         197         1           18         N6HY         365         196         M/P/C           19         K6RO         327         196         M/P/C           20         W6TK         326         195           21         AI6Z         321         194           22         N6MXU         155         193           23         N6RV         347         190         M/P/C/R/S           24         KC6X         320         189           25         N6QQ         337         187           26         KM6HB         316         186           27         AC6DX         321         185           28         W6YOO         308         185           29         W6DR         316         184           31         W6OU         297         184           31         W6OU         297         184           31 </td <td></td> <td></td> <td></td> <td></td> <td>M/D/C/5</td>					M/D/C/5
15         W6VX         352         199         M/P/C           16         K6GXO         358         198         M           17         W6ENZ         350         197         1           18         N6HY         365         196         M/P/C           19         K6RO         327         196         M/P/C           20         W6TK         326         195         1           21         AIGZ         321         194         1           22         N6MXU         155         193         1           23         N6RV         347         190         M/P/C/R/S           24         KC6X         320         189         1           25         N6QQ         337         187         1           26         KM6HB         316         186         1           27         AC6DX         321         185         1           28         W6YOO         308         185         1           29         W6DR         316         184         1           31         W6OU         297         184         1           31         W6OU         297					
17         W6ENZ         350         197           18         N6HY         365         196         M/P/C           19         K6RO         327         196         M/P/C           20         W6TK         326         195           21         AI6Z         321         194           22         N6MXU         155         193           23         N6RV         347         190         M/P/C/R/S           24         KC6X         320         189           25         N6QQ         337         187           26         KM6HB         316         186           27         AC6DX         321         185           28         W6YOO         308         185           29         W6DR         316         184           30         N6GP         304         184           31         W6OU         297         184           31         W6OU         297         184           32         K7ACZ         308         183           33         K4ST         278         182           34         AA6PW         291         181 <tr< td=""><td>15</td><td>W6VX</td><td>352</td><td>199</td><td>M/P/C</td></tr<>	15	W6VX	352	199	M/P/C
18         N6HY         365         196         M/P/C           19         K6RO         327         196         M/P/C           20         W6TK         326         195         1           21         AI6Z         321         194         1           22         N6MXU         155         193         1           23         N6RV         347         190         M/P/C/R/S           24         KC6X         320         189           25         N6QQ         337         187           26         KM6HB         316         186           27         AC6DX         321         185           28         W6YOO         308         185           29         W6DR         316         184           30         N6GP         304         184           31         W6OU         297         184           32         K7ACZ         308         183           33         K4ST         278         182           34         AA6PW         291         181           35         N6VNI         299         178           36         Z13TE			358		М
19         K6RO         327         196         M/P/C           20         W6TK         326         195         1           21         AI6Z         321         194         1           22         N6MXU         155         193         1           23         N6RV         347         190         M/P/C/R/E           24         KC6X         320         189         1           25         N6QQ         337         187         1           26         KM6HB         316         186         1           27         AC6DX         321         185         1           28         W6YOO         308         185         1           30         N6GP         304         184         1           31         W6OU         297         184         1           31         W6OU         297         184         1           32         K7ACZ         308         183         1           33         K4ST         278         182         1           34         AA6PW         291         181         1           35         N6VNI         299					M/D/O
20         W6TK         326         195           21         AI6Z         321         194           22         N6MXU         155         193           23         N6RV         347         190         M/P/C/R/S           24         KC6X         320         189           25         N6QQ         337         187           26         KM6HB         316         186           27         AC6DX         321         185           28         W6YOO         308         185           29         W6DR         316         184           30         N6GP         304         184           31         W6OU         297         184           32         K7ACZ         308         183           33         K4ST         278         182           34         AA6PW         291         181           35         N6VNI         299         178           36         ZL3TE         294         178           37         K6KII         191         177           38         K76LA         233         173           40         K6SY					
22         N6MXU         155         193           23         N6RV         347         190         M/P/C/R/E           24         KC6X         320         189           25         N6QQ         337         187           26         KM6HB         316         186           27         AC6DX         321         185           28         W6YOO         308         185           29         W6DR         316         184           30         N6GP         304         184           31         W6OU         297         184           31         W6OU         297         184           31         W6OU         297         184           33         K4ST         278         182           34         AA6PW         291         181           35         N6VNI         299         178           36         ZL3TE         294         178           37         K6KII         191         177           38         KT6LA         233         173           40         K6SY         246         173           41         W6EPL					
23         N6RV         347         190         M/P/C/R/S           24         KC6X         320         189           25         N6QQ         337         187           26         KM6HB         316         186           27         AC6DX         321         185           28         W6YOO         308         185           29         W6DR         316         184           30         N6GP         304         184           31         W6OU         297         184           32         K7ACZ         308         183           33         K4ST         278         182           34         AA6PW         291         181           35         N6VNI         299         178           36         ZL3TE         294         178           37         K6KII         191         177           38         KTGLA         233         173           40         K6SY         246         173           41         W6ZPL         237         173           42         KJGY         261         172           43         N6WT	21	AI6Z	321	194	
24         KC6X         320         189           25         N6QQ         337         187           26         KM6HB         316         186           27         AC6DX         321         185           28         W6YOO         308         185           29         W6DR         316         184           30         N6GP         304         184           31         W6OU         297         184           32         K7ACZ         308         183           33         K4ST         278         182           34         AA6PW         291         181           35         N6VNI         299         178           36         ZL3TE         294         178           37         K6KII         191         177           38         KT6LA         233         173           40         K6SY         246         173           41         W6ZPL         237         173           42         KJGY         261         172           43         N6WT         298         164           44         N6DHZ         241				-	
25         N6QQ         337         187           26         KM6HB         316         186           27         AC6DX         321         185           28         W6YOO         308         185           29         W6DR         316         184           30         N6GP         304         184           31         W6OU         297         184           32         K7ACZ         308         183           33         K4ST         278         182           34         AA6PW         291         181           35         N6VNI         299         178           36         ZL3TE         294         178           37         K6KII         191         177           38         KT6LA         233         173           40         K6SY         246         173           41         W6ZPL         237         173           42         KJEY         261         172           43         N6WT         298         164           44         N6DHZ         246         173           41         W6ZPL         246					M/P/C/R/5
26         KM6HB         316         186           27         AC6DX         321         185           28         W6YOO         308         185           29         W6DR         316         184           30         N6GP         304         184           31         W6OU         297         184           31         W6OU         297         184           32         K7ACZ         308         183           33         K4ST         278         182           34         AA6PW         291         181           35         N6VNI         299         178           36         ZL3TE         294         178           37         K6KII         191         177           38         KTGLA         233         173           40         K6SY         246         173           41         W6ZPL         237         173           42         KJEY         261         172           43         N6WT         298         164           44         N6DHZ         241         162           45         NK6A         217				-	
28         W6YOO         308         185           29         W6DR         316         184           30         N6GP         304         184           31         W6OU         297         184           32         K7ACZ         308         183           33         K4ST         278         182           34         AA6PW         291         181           35         N6VNI         299         178           36         ZL3TE         294         178           37         K6KII         191         177           38         KTGLA         233         173           39         K0OK         286         173           40         K6SY         246         173           41         W6ZPL         237         173           42         KJEY         261         172           43         N6WT         298         164           44         N6DHZ         241         162           45         NK6A         217         156           46         W6KC         161         153           47         W6FL         256					
29         W6DR         316         184           30         N6GP         304         184           31         W6OU         297         184           32         K7ACZ         308         183           33         K4ST         278         182           34         AA6PW         291         181           35         N6VNI         299         178           36         ZL3TE         294         178           37         K6KII         191         177           38         KT6LA         233         173           40         K6SY         246         173           41         W6ZPL         237         173           42         KJGY         261         172           43         N6WT         298         164           44         N6DHZ         241         162           45         NK6A         217         156           46         W6KC         161         153           47         W6FL         256         149           48         N6PM         233         147           49         K7MY         227				_	
30         N6GP         304         184           31         W6OU         297         184           32         K7ACZ         308         183           33         K4ST         278         182           34         AA6PW         291         181           35         N6VNI         299         178           36         ZL3TE         294         178           37         K6KII         191         177           38         KT6LA         233         173           40         K6SY         246         173           41         W6ZPL         237         173           42         KJGY         261         172           43         N6WT         298         164           44         N6DHZ         241         162           45         NK6A         217         156           46         W6KC         161         153           47         W6FL         256         149           48         N6PM         233         147           49         K7MY         227         141           50         NEGV         207					
31 W6OU 297 184 32 K7ACZ 308 183 33 K4ST 278 182 34 AA6PW 291 181 35 N6VNI 299 178 36 ZL3TE 294 178 37 K6KII 191 177 38 KT6LA 233 173 39 K0OK 286 173 40 K6SY 246 173 41 W6ZPL 237 173 42 KJ6Y 261 172 43 N6WT 298 164 44 N6DHZ 241 162 45 NK6A 217 156 46 W6KC 161 153 47 W6FL 256 149 48 N6PM 233 147 49 K7MY 227 141 50 NE6V 207 141 51 N6HE 195 134 52 K6DDJ 182 132 53 K8BGIO 192 126 54 K6IRD 154 126 M/P 55 K6RI 198 118 56 N6DBF 179 118 57 W6SK 147 113 58 KIGRRD 151 111 M/P 61 K6VC 96 96 M/P 62 NGRU 132 96 63 W6MKO 130 88 64 W6EA 92 86 65 NGUC 78 78 M 66 KE6PLA 104 72 67 KA6TTV 82 67 68 K6QU 94 66 69 N6RRY 76 65 70 K9TAD 17 13 76 N6HC 17 13 M/P/C 77 K6FOD 17 13 76 N6HC 17 13 M/P/C					
32 K7ACZ 308 183 33 K4ST 278 182 34 AA6PW 291 181 35 N6VNI 299 178 36 ZL3TE 294 178 37 K6KII 191 177 38 KT6LA 233 173 39 K0OK 286 173 40 K6SY 246 173 41 W6ZPL 237 173 42 KJEY 261 172 43 N6WT 298 164 44 N6DHZ 241 162 45 NK6A 217 156 46 W6KC 161 153 47 W6FL 256 149 48 N6PM 233 147 49 K7MY 227 141 50 NE6V 207 141 51 N6HE 195 134 52 K6DDJ 182 132 53 K86CIO 192 126 54 K6IRD 154 126 M/P 55 K6RI 198 118 56 N6DBF 179 118 57 W6SW 147 118 58 KIGRRD 181 113 59 W3SE 102 112 60 W6IRD 151 111 M/P 61 K6VC 96 96 M/P 62 NGRU 132 96 63 W6MKO 130 88 64 W6EA 92 86 65 N6UC 78 78 M 66 KE6PLA 104 72 67 KA6TTV 82 67 68 K6QU 94 66 69 N6RY 76 65 70 K9TO 17 13 M/P/C 72 N6HC 17 13 M/P/C 75 K6FOD 17 13 76 N6HC 17 13 M/P/C					
34	32	K7ACZ	308	183	
35         N6VNI         299         178           36         ZL3TE         294         178           37         K6KII         191         177           38         KT6LA         233         173           39         K0OK         286         173           40         K6SY         246         173           41         W6ZPL         237         173           42         KJGY         261         172           43         N6WT         298         164           44         N6DHZ         241         162           45         NK6A         217         156           46         W6KC         161         153           47         W6FL         256         149           48         N6PM         233         147           49         K7MY         227         141           50         NESV         207         141           51         N6HE         195         134           52         K6DJ         182         132           53         KRGCIO         192         126           54         K6IRD         154	33	K4ST	278	182	
36         ZL3TE         294         178           37         K6KII         191         177           38         KTGLA         233         173           39         K0OK         286         173           40         K6SY         246         173           41         W6ZPL         237         173           42         KJGY         261         172           43         N6WT         298         164           44         N6DHZ         241         162           45         NK6A         217         156           46         W6KC         161         153           47         W6FL         256         149           48         N6PM         233         147           49         K7MY         227         141           50         NESV         207         141           51         N6HE         195         134           52         K6DJ         182         132           53         KB6CIO         192         126           54         K6IRD         154         126         M/P           55         K6RI					
37         K6KII         191         177           38         KT6LA         233         173           39         K0OK         286         173           40         K6SY         246         173           41         W6ZPL         237         173           42         KJGY         261         172           43         N6WT         298         164           44         N6DHZ         241         162           45         NK6A         217         156           46         W6KC         161         153           47         W6FL         256         149           48         N6PM         233         147           49         K7MY         227         141           50         NE6V         207         141           51         N6HE         195         134           52         K6DDJ         182         132           53         KB6CIO         192         126           54         K6IRD         154         126         M/P           55         K6RI         193         118         15           57         <					
39 KOOK 286 173 40 K6SY 246 173 41 W6ZPL 237 173 42 KJEY 261 172 43 N6WT 298 164 44 N6DHZ 241 162 45 NK6A 217 156 46 W6KC 161 153 47 W6FL 256 149 48 N6PM 233 147 49 K7MY 227 141 50 NE6V 207 141 51 N6HE 195 134 52 K6DDJ 182 132 53 KB6CIO 192 126 54 K6IRD 154 126 M/P 55 K6RI 198 118 56 N6DBF 179 118 57 W6SW 147 118 58 KI6RRD 151 111 M/P 61 K6VC 96 96 M/P 62 N6RU 132 96 63 W6MKO 130 88 64 W6EA 92 86 65 N6UC 78 78 M 66 KE6PLA 104 72 67 KA6TTV 82 67 68 K6QU 94 66 69 N6RY 76 65 70 K9TAD 61 55 71 K6JW 40 M/P 72 N6HK 40 40 M/P 73 W6LEN 33 27 74 W6LEN 33 27 75 K6FOD 17 13 M/P/C					
40 K6SY 246 173 41 W6ZPL 237 173 42 KJ6Y 261 172 43 N6WT 298 164 44 N6DHZ 241 162 45 NK6A 217 156 46 W6KC 161 153 47 W6FL 256 149 48 N6PM 233 147 49 K7MY 227 141 50 NE6V 207 141 51 N6HE 195 134 52 K6DDJ 182 132 53 K6GCIO 192 126 54 K6IRD 154 126 M/P 55 K6RI 198 118 56 N6DBF 179 118 57 W6SW 147 118 58 KI6RRD 181 113 59 W3SE 102 112 60 W6IRD 151 111 M/P 61 K6VC 96 96 M/P 62 N6RU 132 96 63 W6MKO 130 88 64 W6EA 92 86 65 N6UC 78 78 M 66 KE6PLA 104 72 67 KAGTTV 32 67 68 K6QU 94 66 69 N6RY 76 65 70 K9TAD 61 55 71 K6JW 40 40 M/P 72 N6HK 40 40 M/P 73 W6LEN 33 27 75 K6FOD 17 13 M/P/C	38	KT6LA	233	173	
41 W6ZPL 237 173 42 KJGY 261 172 43 N6WT 298 164 44 N6DHZ 241 162 45 NK6A 217 156 46 W6KC 161 153 47 W6FL 256 149 48 N6PM 233 147 49 K7MY 227 141 50 NESV 207 141 51 N6HE 195 134 52 K6DDJ 182 132 53 KB6CIO 192 126 54 K6IRD 154 126 M/P 55 K6RI 198 118 56 N6DBF 179 118 57 W6SW 147 118 58 KIGRD 154 111 M/P 61 K6VC 96 96 M/P 62 N6RU 132 96 63 W6MKO 130 88 64 W6EA 92 86 65 N6UC 78 78 M 66 KE6PLA 104 72 68 K6QU 94 66 69 N6RY 76 65 70 K9TAD 61 55 71 K6JW 40 40 M/P 72 N6HK 40 40 M 73 W6LEN 33 27 75 K6FOD 17 13 M/P/C					
42 KJ6Y 261 172 43 N6WT 298 164 44 N6DHZ 241 162 45 NK6A 217 156 46 W6KC 161 153 47 W6FL 256 149 48 N6PM 233 147 49 K7MY 227 141 50 NE6V 207 141 51 N6HE 195 134 52 K6DDJ 182 132 53 KB6CIO 192 126 54 K6IRD 154 126 M/P 55 K6RI 198 118 56 N6DBF 179 118 57 W6SW 147 118 58 KIGRRD 181 113 59 W3SE 102 112 60 W6IRD 151 111 M/P 61 K6VC 96 96 M/P 62 N6RU 132 96 63 W6MKO 130 88 64 W6EA 92 86 65 N6UC 78 78 M 66 KE6PLA 104 72 67 KA6TTV 82 67 68 K6QU 94 66 69 N6RY 76 65 70 K9TAD 61 55 71 K6FW 40 40 M/P 72 N6HK 40 40 M 73 W6DCE 37 37 74 W6LEN 33 27 75 K6FOD 17 13 M/P/C					
43 N6WT 298 164 44 N6DHZ 241 162 45 NK6A 217 156 46 W6KC 161 153 47 W6FL 256 149 48 N6PM 233 147 49 K7MY 227 141 50 NESV 207 141 51 N6HE 195 134 52 K6DDJ 182 132 53 KB6CIO 192 126 54 K6IRD 154 126 M/P 55 K6RI 198 118 56 N6DBF 179 118 57 W6SW 147 118 58 KIGRRD 181 113 59 W3SE 102 112 60 W6IRD 151 111 M/P 61 K6VC 96 96 M/P 62 N6RU 132 96 63 W6MKO 130 88 64 W6EA 92 86 65 N6UC 78 78 78 M 66 KESPLA 104 72 67 KAGTTV 82 67 68 K6QU 94 66 69 N6RY 76 65 70 K9TAD 61 55 71 K6FW 40 MM 77 N6HK 40 MM 77 N6HK 40 MM 77 N6HK 40 MM 77 N6HC 17 13 M/P/C					
45 NK6A 217 156 46 W6KC 161 153 47 W6FL 256 149 48 N6PM 233 147 49 K7MY 227 141 50 NE6V 207 141 51 N6HE 195 134 52 K6DDJ 182 132 53 KB6CIO 192 126 54 K6IRD 154 126 M/P 55 K6RI 198 118 56 N6DBF 179 118 57 W6SW 147 118 58 KI6RRD 181 113 59 W3SE 102 112 60 W6IRD 151 111 M/P 61 K6VC 96 96 M/P 62 N6RU 132 96 63 W6MKO 130 88 64 W6EA 92 86 65 N6UC 78 78 M 66 K6BPLA 104 72 67 KA6TTV 82 67 68 K6QU 94 66 69 N6RY 76 65 70 K9TAD 61 55 71 K6JW 40 40 M/P 72 N6HK 40 40 M 73 W6DOE 37 37 74 W6LEN 33 27 75 K6FOD 17 13 M/P/C					
46 W6KC 161 153 47 W6FL 256 149 48 N6PM 233 147 49 K7MY 227 141 50 NE6V 207 141 51 N6HE 195 134 52 K6DDJ 182 132 53 KB6CIO 192 126 54 K6IRD 154 126 M/P 55 K6RI 198 118 56 N6DBF 179 118 57 W6SW 147 118 58 KI6RRD 181 113 59 W3SE 102 112 60 W6IRD 151 111 M/P 61 K6VC 96 96 M/P 62 N6RU 132 96 63 W6MKO 130 88 64 W6EA 92 86 65 N6UC 78 78 M 66 KE6PLA 104 72 67 KA6TTV 82 67 68 K6QU 94 66 69 N6RY 76 65 70 K9TAD 61 55 71 K6JW 40 40 M/P 72 N6HK 40 40 M 73 W6DOE 37 37 74 W6LEN 33 27 75 K6FOD 17 13 M/P/C	44		241	-	
47 W6FL 256 149 48 N6PM 233 147 49 K7MY 227 141 50 NE6V 207 141 51 N6HE 195 134 52 K6DDJ 182 132 53 K86CIO 192 126 54 K6IRD 154 126 M/P 55 K6RI 198 118 56 N6DBF 179 118 57 W6SW 147 118 58 KI6RRD 181 113 59 W3SE 102 112 60 W6IRD 151 111 M/P 61 K6VC 96 96 M/P 62 N6RU 132 96 63 W6MKO 130 88 64 W6EA 92 86 65 N6UC 78 78 M 66 KE6PLA 104 72 67 KA6TTV 82 67 68 K6QU 94 66 69 N6RRY 76 65 70 K9TAD 61 55 71 K6JW 40 40 M/P 72 N6HK 40 40 M 73 W6LEN 33 27 74 W6LEN 33 27 75 K6FOD 17 13 M/P/C					
48 N6PM 233 147 49 K7MY 227 141 50 NESV 207 141 51 N6HE 195 134 52 K6DDJ 182 132 53 KB6CIO 192 126 54 K6IRD 154 126 M/P 55 K6RI 198 118 56 N6DBF 179 118 57 W6SW 147 118 58 KIGRRD 151 111 M/P 61 K6VC 96 96 M/P 62 N6RU 132 96 63 W6MKO 130 88 64 W6EA 92 86 65 N6UC 78 78 M 66 KE6PLA 104 72 67 KA6TTV 82 67 68 K6QU 94 66 69 N6RRY 76 65 70 K9TAD 61 55 71 K6JW 40 40 M/P 72 N6HK 40 40 M 73 W6LEN 33 27 74 W6LEN 33 27 75 K6FOD 17 13 M/P/C				-	
50         NE6V         207         141           51         N6HE         195         134           52         K6DDJ         182         132           53         KB6CIO         192         126           54         K6IRD         154         126         M/P           55         K6RI         198         118           56         N6DBF         179         118           57         W6SW         147         118           58         KIGRRD         181         113           59         W3SE         102         112           60         W6IRD         151         111         M/P           61         K6VC         96         96         M/P           62         N6RU         132         96           63         W6MKO         130         88           64         W6EA         92         86           65         N6UC         78         78         M           66         KESPLA         104         72           67         KA6TTV         82         67           68         K6QU         94         66      <					
51         N6HE         195         134           52         K6DDJ         182         132           53         KB6CIO         192         126           54         K6IRD         154         126         M/P           55         K6RI         198         118           56         N6DBF         179         118           57         W6SW         147         118           58         KI6RRD         181         113           59         W3SE         102         112           60         W6IRD         151         111         M/P           61         K6VC         96         96         M/P           62         N6RU         132         96         96           63         W6MKO         130         88         98         98           64         W6EA         92         86         98         98         98           65         N6UC         78         78         M         98         98         98         98         98         98         98         98         98         98         98         98         98         98         98	49	K7MY	227	141	
52         K6DDJ         182         132           53         KB6CIO         192         126           54         KGIRD         154         126         M/P           55         KGRI         198         118           56         N6DBF         179         118           57         W6SW         147         118           58         KIGRRD         181         113           59         W3SE         102         112           60         W6IRD         151         111         M/P           61         K6VC         96         96         M/P           62         N6RU         132         96         96         M/P           63         W6MKO         130         88         98         98         98         96         M/P           63         W6MKO         130         88         98				-	
53         KB6CIO         192         126           54         K6IRD         154         126         M/P           55         K6RI         198         118           56         N6DBF         179         118           57         W6SW         147         118           58         KI6RRD         181         113           59         W3SE         102         112           60         W6IRD         151         111         M/P           61         K6VC         96         96         M/P           62         N6RU         132         96         63         M/P           63         W6MKO         130         88         64         W6EA         92         86         65         N6UC         78         78         M           66         KE6PLA         104         72         67         KA6TTV         82         67         68         K6QU         94         66         69         N6RRY         76         65         70         K9TAD         61         55         71         K6JW         40         M         M         73         W6DOE         37         37 <td< td=""><td></td><td></td><td></td><td></td><td></td></td<>					
54         K6IRD         154         126         M/P           55         K6RI         198         118           56         N6DBF         179         118           57         W6SW         147         118           58         KI6RRD         181         113           59         W3SE         102         112           60         W6IRD         151         111         M/P           61         K6VC         96         96         M/P           62         N6RU         132         96         66           63         W6MKO         130         88         64         W6EA         92         86           65         N6UC         78         78         M         M         66         K66PLA         104         72         67         KA6TTV         82         67         68         K6QU         94         66         69         N6RRY         76         65         70         K9TAD         61         55         71         KGJW         40         M         M         M         73         W6DOE         37         37         74         WGLEN         33         27         75 </td <td></td> <td></td> <td></td> <td></td> <td></td>					
56         N6DBF         179         118           57         W6SW         147         118           58         KI6RRD         181         113           59         W3SE         102         112           60         W6IRD         151         111         M/P           61         K6VC         96         96         M/P           62         N6RU         132         96         38           63         W6MKO         130         88         38         38         38         36         37         37         37         37         37         37         37         37         37         37         37         37         37         37         37         37         37         37         37			_		M/P
57         W6SW         147         118           58         KI6RRD         181         113           59         W3SE         102         112           60         W6IRD         151         111         M/P           61         K6VC         96         96         M/P           62         N6RU         132         96         38           63         W6MKO         130         88         38           64         W6EA         92         86         38         38           65         N6UC         78         78         M         40         46         40         40         40         40         40         40         40         40         40         40         40         M/P         72         N6HK         40         M         40         M         40         M         74         W6DOE         37         37         37         44         W6LEN         33         27         75         K6FOD         17         13         M/P/C         76         N6HC         17         13         M/P/C					
58         KIGRRD         181         113           59         W3SE         102         112           60         WGIRD         151         111         M/P           61         K6VC         96         96         M/P           62         N6RUC         132         96           63         W6MKO         130         88           64         W6EA         92         86           65         N6UC         78         78         M           66         KE6PLA         104         72           67         KA6TTV         82         67           68         K6QU         94         66           69         N6RRY         76         65           70         K9TAD         61         55           71         K6JW         40         40         M/P           72         N6HK         40         40         M           73         W6DOE         37         37           74         W6LEN         33         27           75         K6FOD         17         13         M/P/C				-	
59         W3SE         102         112           60         W6IRD         151         111         M/P           61         K6VC         96         96         M/P           62         N6RU         132         96           63         W6MKO         130         88           64         W6EA         92         86           65         N6UC         78         78         M           66         KESPLA         104         72           67         KA6TTV         82         67           68         K6QU         94         66           69         N6RRY         76         65           70         K9TAD         61         55           71         KGJW         40         40         M/P           72         N6HK         40         40         M           73         W6DOE         37         37           74         W6LEN         33         27           75         K6FOD         17         13         M/P/C					
61 K6VC 96 96 M/P 62 N6RU 132 96 63 W6MKO 130 88 64 W6EA 92 86 65 N6UC 78 78 M 66 KE6PLA 104 72 67 KA6TTV 82 67 68 K6QU 94 66 69 N6RRY 76 65 70 K9TAD 61 55 71 K6JW 40 40 M/P 72 N6HK 40 40 M 73 W6DOE 37 37 74 W6LEN 33 27 75 K6FOD 17 13 M/P/C					
62 N6RU 132 96 63 W6MKO 130 88 64 W6EA 92 86 65 N6UC 78 78 M 66 KE6PLA 104 72 67 KA6TTV 82 67 68 K6QU 94 66 69 N6RRY 76 65 70 K9TAD 61 55 71 K6JW 40 40 M/P 72 N6HK 40 40 M 73 W6DOE 37 37 74 W6LEN 33 27 75 K6FOD 17 13 M/P/C					
63 W6MKO 130 88 64 W6EA 92 86 65 N6UC 78 78 M 66 KE6PLA 104 72 67 KA6TTV 82 67 68 KGQU 94 66 69 N6RRY 76 65 70 K9TAD 61 55 71 K6JW 40 M/P 72 N6HK 40 40 M/P 73 W6DOE 37 37 74 W6LEN 33 27 75 K6FOD 17 13 M/P/C				-	M/P
64 W6EA 92 86 65 N6UC 78 78 M 66 KE6PLA 104 72 67 KA6TTV 82 67 68 K6QU 94 66 69 N6RRY 76 65 70 K9TAD 61 55 71 K6JW 40 40 M/P 72 N6HK 40 40 M 73 W6DOE 37 37 74 W6LEN 33 27 75 K6FOD 17 13 M/P/C				-	
65 N6UC 78 78 M 66 KE6PLA 104 72 67 KA6TTV 82 67 68 K6QU 94 66 69 N6RRY 76 65 70 K9TAD 61 55 71 K6JW 40 40 M/P 72 N6HK 40 40 M 73 W6DOE 37 37 74 W6LEN 33 27 75 K6FOD 17 13 M/P/C				-	
67 KA6TTV 82 67 68 K6QU 94 66 69 N6RRY 76 65 70 K9TAD 61 55 71 K6JW 40 40 M/P 72 N6HK 40 40 M 73 W6DOE 37 37 74 W6LEN 33 27 75 K6FOD 17 13 M/P/C	65	N6UC	78	78	М
68 K6QU 94 66 69 N6RRY 76 65 70 K9TAD 61 55 71 K6JW 40 40 M/P 72 N6HK 40 40 M 73 W6DOE 37 37 74 W6LEN 33 27 75 K6FOD 17 13 76 N6HC 17 13 M/P/C				-	
69 N6RRY 76 65 70 K9TAD 61 55 71 K6JW 40 40 M/P 72 N6HK 40 40 M 73 W6DOE 37 37 74 W6LEN 33 27 75 K6FOD 17 13 76 N6HC 17 13 M/P/C					
70 K9TAD 61 55 71 K6JW 40 40 M/P 72 N6HK 40 40 M 73 W6DOE 37 37 74 W6LEN 33 27 75 K6FOD 17 13 76 N6HC 17 13 M/P/C					
72 N6HK 40 40 M 73 W6DOE 37 37 74 W6LEN 33 27 75 K6FOD 17 13 76 N6HC 17 13 M/P/C					
73 W6DOE 37 37 74 W6LEN 33 27 75 K6FOD 17 13 76 N6HC 17 13 M/P/C			40	40	
74 W6LEN 33 27 75 K6FOD 17 13 76 N6HC 17 13 M/P/C				-	М
75 K6FOD 17 13 76 N6HC 17 13 M/P/C				-	
76 N6HC 17 13 M/P/C					
77 KB6TKV 17 13 P					M/P/C
1 1 1					
78 K8RD 17 13 C	78	K8RD	17	13	С

## 2019 Get Schroeder Contest

1A0	4S	7Q	A3	CE9	E7	FK	GI	HS	KH0	LZ	PJ7	T2	TY	VK9L	VU4	YV0
15	4U1ITU	7X	<b>A</b> 4	CN	EA	FK/C	GJ	HV	KH1	OA	PY	T30	TZ	VK9M	VU7	<b>Z</b> 2
3A	4U1UN	8P	A5	CO	EA6	FM	GM	HZ	KH2	OD	PY0F	T31	UA	VK9N	ΧE	<b>Z</b> 3
3B7	4W	8Q	A6	CP	EA8	FO	GU	1	KH3	OE	PY0S	T32	UA0	VK9W	XF4	<b>Z</b> 6
3B8	4X	8R	A7	СТ	EA9	FO/A	GW	IS0	KH4	ОН	PY0T	T33	UA2	VK9X	XT	<b>Z</b> 8
3B9	5A	9A	A9	CT3	EI	FO/C	H4	J2	KH5	OH0	PΖ	T5	UJ	VP2E	ΧU	ZA
3C	5B	9G	AP	CU	EK	FO/M	H40	J3	KH6	OJ0	R1F	T7	UN	VP2M	XW	ZB2
3C0	5H	9H	BS7H	СХ	EL	FP	HA	J5	KH7K	OK	S0	Т8	UR	VP2V	XX9	ZC4
3D2	5N	9J	BU	CY0	EP	FR	HB	J6	KH8	ОМ	S2	TA	V2	VP5	XZ	ZD7
3D2/C	5R	9K	BV9P	CY9	ER	FS	HB0	J7	KH8S	ON	S5	TF	V3	VP6	YA	ZD8
3D2/R	5T	9L	BY	D2	ES	FR/G	HC	J8	KH9	ОХ	<b>S7</b>	TG	V4	VP6/D	YB	ZD9
3DA	5U	9M2	C2	D4	ET	FR/J	HC8	JA	KL7	OY	S9	TI	V5	VP8	ΥI	ZF
3V	5V7	9M6	C3	D6	EU	FR/T	HH	JD1/M	KP1	ΟZ	SM	TI9	V6	VP8/G	YJ	ZK3
3W	5W	9N	C5	DL	EX	FT5W	HI	JD1/O	KP2	P2	SP	TJ	<b>V</b> 7	VP8/H	YK	ZL
3XA	5X	9Q	C6	DU	EY	FT5X	HK	JT	KP4	P4	ST	TK	V8	VP8/O	YL	ZL7
3Y/B	5Z	9U	C9	E3	EZ	FT5Z	HK0/M	JW	KP5	P5	SU	TL	VE	VP8/S	YN	ZL8
3Y/P	6W	9V	CE	E4	F	FW	HK0/S	JX	LA	PA	sv	TN	VK	VP9	YO	ZL9
4J	6Y	9X	CE0X	E5/N	FG	FY	HL	JY	LU	PJ2	SV/A	TR	VK0H	VQ9	YS	ZΡ
4L	70	9Y	CE0Y	E5/S	FH	G	HP	K	LX	PJ4	SV5	TT	VK0M	VR	ΥT	ZS
40	7P	A2	CE0Z	E6	FJ	GD	HR	KG4	LY	PJ5	SV9	TU	VK9C	VU	ΥV	ZS8

Chart Le gend									
White / Green	Entity Worked This Year by a Member								
Black / White	Very Active Entity Not Yet Worked								
Black / Blue	Entity with Announced DXpedition								
Black / Yellow	Rarely Active Entity Not Yet Worked								
Black / Red	Inactive Entity								
Deleted Entity									

Here is the outcome of the 2019 Get Schroeder Contest. As shown in the standings Kent, N6WT, took the honors with 251 entities worked. Bill, N6WS, our senior associate member, took second place with 247 worked. Rounding out the top three is Rich, W6TK, with 246. All three exceeded John's score and all three live in the nearly perfect DX location of the central coast! John did manage to edge out Bill, N6RV, who was literally asleep at the wheel all year. Next year! Arghhhh!

In total ClubLog members worked 285 entities, 7 less than last year. We missed 12 of them leaving us at 273 and 4 less than last year.

ClubLog leaders were K9RX, 278, PY5EG, 277, and VE3VEE, 276. U.S. leaders were K9RX, 278, N3SL, 273, and K2ZJ, 271. Kent ranked 22<sup>nd</sup> and Bill down 10 further at 32<sup>nd</sup>.

FJ	GD		<del>I</del> R	KG4	L.	Y	PJ	5 S	V9	TU		_ \	/K	9C			Vι	<u> </u>			Y	<b>V</b>	ZS	8
	2	019 G	et Sch	roedei	Lead	ers				SC	DX	C (	Get	Sc	hro	ede	er S	tar	ıdi	ng	s 2	2019		
	2	019 Tota	al Entitio	es Work	ed			285	Rank	Call	160	80	60	40	30	20	17	15	12	10	6	Total	Slots	Yrs
	2018 Tot	al Entiti	es Worl	ked by I	Decemb	er		292	1	N6WT	28	78	36	165	133	212	110		12	6	7	251	852	6
	2019	Entitie	s Worke	ed by S	CDXC			273	2	N6WS	80	##	83	164	144	217	136		34	16	17	247	1105	
	2018 SCD					her		277	3	W6TK	26	89	43	171	163	217	159	_	29	16	3	246	1009	63
	2010 300			Leader		Dei		285	4	N6QQ	20	60	13	192	171	215	140		37	43	12	241	998	63
0046	Oliviel								5 6	N6RV W6OU	10	5 26	7	192 81	113 30	198 157	97 51	92 22	24 4	28 2	20	240 233	776 385	52 57
2018	ClubLog					cem	ber	290	7	K6RO	11	58	20	149	92	194	152	92	34	29	9	220	840	32
				lember				281	8	WA5VGI	48	0	77	56	29	175	86	14	0	0	15	216	500	36
	20	18 SCD	XC Lea	der (N6\	NS)			261	9	K7ACZ	16	32	0	107	44	172	35	12	4	1	0	205	423	51
		2018 C	lubLog	Leader	S			292	10	K6QU	43	78	0	122	125	159	102	56	23	12	7	195	727	5
Rank	Call	Entities	Lat Mo.	Last Yr	Leader	-Tot	-QQ	Uniques	11	NS6C	41	45	0	98	52	128	41	22	3	3	8	187	441	63
								6	12	AI6Z K6RI	1	14	0	82 68	73	163 78	11 60	56 22	21	10 6	10	175 175	341 339	26 6
1	N6WT	251	2	-8	0	22	-10	1	14	N6PM	45	95	48	95	80	111	55	38	29	6	3	173	605	26
2	N6WS	247	5	-15	-4	26	-6	0	15	W6DR	73	67	4	133	8	122	11	44	2	12	2	170	478	39
_	W6TK	246	5	-13	-5	27	-5	_	16	K0XP	24	62	0	152	32	82	22	19	3	1	0	169	397	2
3						-		0	17	N6GP	0	56	0	66	13	136	6	54	1	15	3	162	350	31
4	N6QQ	241	4	-13	-10	32	0	0	18	K6FG	41	45	0	75	14	120	36	20	1	1	14	155	367	64
5	N6RV	240	3	-23	-11	33	1	0	19	N6DHZ	0	23	0	72	5	110	32	40	7	8	0	141	297	32
6	W6OU	233	2	29	-18	40	8	0	20	W6ENZ	35	29	8	94	43	89	42	31	8	6	7	137	392	53
7	K6RO	220	5	220	-31	53	21	1	21	K6SY N6PE	1 17	30 19	4	82 71	10 45	105 84	24 31	12 54	2	0 12	2	134 133	268 351	51 54
8	WA5VGI	216	4	43	-35	57	25	0	23	ZL3TE	3	22	0	45	51	78	30	56	6	8	3	108	302	16
9	SM5GMZ	210	5	48	-41	63	31	1	24	NK6A	0	0	0	38	0	86	8	53	0	7	0	99	192	75
10	K7ACZ	205	13	-8	-46	68	36	0	25	K6FOD	2	17	0	54	38	30	27	16	1	1	1	96	187	1
11	K6QU	195	1	70	-56	78	46	1	26	KI6RRD	1	11	0	35	23	27	50	33	6	2	3	81	191	12
_			12	-24		86	54		27	KF6I N6VNI	6	13 5	5	43 48	22 7	38 55	28 5	9	3	0	7	77 77	174 125	16 31
12	NS6C	187			-64			0	29	WB6DJI	0	8	0	48	1	61	12	12	1	1	1	76	139	6
13	AI6Z	175	11	-25	-76	98	66	0	30	W6M KO	0	25	0	42	25	36	4	1	0	0	2	69	135	3
14	K6RI	175	4	22	-76	98	0	0	31	N6HY	2	7	1	45	5	48	1	0	0	0	0	69	109	66
15	N6PM	173	5	36	-78	100	68	0	32	KE6PLA	1	2	0	5	14	61	15	17	0	2	2	66	119	3
16	W6DR	170	20	39	-81	103	71	0	33	K7MY	0	7	0	26	0	42	0	32	0	4	0	62	111	43
17	K0XP	169	8	169	-82	104	72	1	34 35	KR6C N6DBF	0	3	0	27 40	5 23	29 25	3	12	0	2	1	58 55	83 93	42 34
18	N6GP	162	9	29	-89	111	79	0	36	W6SR	0	7	1	6	29	18	13	8	13	1	3	48	99	53
19	K6FG	155	13	35	-96	118		0	37	W6LEN	0	6	0	27	11	28	10	8	0	1	0	47	91	41
20	N6DHZ	141	13	61	-110	132		0	38	NE6V	0	10	0	4	11	7	5	2	0	0	1	32	40	23
21		137	1	-2	-114	136	104	0	39	K9TAD	0	1	0	3	2	19	3	0	0	0	1	25	29	12
_	W6ENZ							_	40	KB6CIO	0	4	0	9	10	13	8	4	0	0	0	21	48	36
22	K6SY	136	3	136	-115	137	105	0	41	N6RRY KJ6UVQ	0	0	0	9	0	8 12	0	2	0	0	0	16 14	19 18	32 7
23	N6PE	133	67	-1	-118	140		0	42	N6RU	0	0	0	1	0	12	0	3	0	0	0	14	16	13
24	ZL3TE	108	20	-28	-143	165	133	0	44	W6SW	0	0	0	1	0	8	2	1	0	0	0	9	12	41
25	KM6HB	100	2	15	-151	173	141	0	45	K6YUI	0	0	0	1	2	3	0	0	0	0	1	6	7	62

#### **SCDXC Worked Not CLubLog**

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#### **ClubLog Worked Not SCDXC**

5A	J2	SV/A	VK9X
9N	JD1/M	TL	XZ
<b>A2</b>	JX	TN	ΥI

## 2020 Get Schroeder Contest

4 YV0	VU4	VK9L	TY	T2	PJ7	LZ	KH0	HS	GI	FK	E7	CE9	A3	7Q	<b>4</b> S	1A0
<b>7 Z</b> 2	VU7	VK9M	TZ	T30	PY	OA	KH1	HV	GJ	FK/C	EA	CN	A4	7X	4U1ITU	18
<b>Z</b> 3	ΧE	VK9N	UA	T31	PY0F	OD	KH2	HZ	GM	FM	EA6	СО	A5	8P	4U1UN	3A
4 Z6	XF4	VK9W	UA0	T32	PY0S	OE	KH3	- 1	GU	FO	EA8	CP	A6	8Q	4W	3B7
<b>Z</b> 8	XT	VK9X	UA2	T33	PY0T	ОН	KH4	IS0	GW	FO/A	EA9	СТ	<b>A</b> 7	8R	4X	3B8
J ZA	ΧU	VP2E	UJ	T5	PZ	OH0	KH5	J2	H4	FO/C	El	CT3	A9	9A	5A	3B9
ZB2	XW	VP2M	UN	T7	R1F	OJ0	KH6	J3	H40	FO/M	EK	CU	AP	9G	5B	3C
9 ZC4	XX9	VP2V	UR	T8	S0	OK	KH7K	J5	HA	FP	EL	CX	BS7H	9H	5H	3C0
ZD7	XZ	VP5	V2	TA	S2	ОМ	KH8	J6	HB	FR	EP	CY0	BU	9J	5N	3D2
ZD8	YΑ	VP6	V3	TF	<b>S5</b>	ON	KH8S	J7	HB0	FS	ER	CY9	BV9P	9K	5R	3D2/C
ZD9	YB	VP6/D	V4	TG	<b>S</b> 7	ОХ	KH9	J8	HC	FR/G	ES	D2	BY	9L	5T	3D2/R
ZF	ΥI	VP8	V5	TI	S9	OY	KL7	JA	HC8	FR/J	ET	D4	C2	9M2	5U	3DA
ZK3	YJ	VP8/G	V6	TI9	SM	OZ	KP1	JD1/M	HH	FR/T	EU	D6	C3	9M6	5V7	3V
ZL	YK	VP8/H	<b>V</b> 7	TJ	SP	P2	KP2	JD1/O	HI	FT5W	EX	DL	C5	9N	5W	3W
ZL7	YL	VP8/O	V8	TK	ST	P4	KP4	JT	HK	FT5X	EY	DU	C6	9Q	5X	3XA
ZL8	YN	VP8/S	VE	TL	SU	P5	KP5	JW	HK0/M	FT5Z	EZ	E3	C9	9U	5Z	3Y/B
ZL9	YO	VP9	VK	TN	sv	PA	LA	JX	HK0/S	FW	F	E4	CE	9V	6W	3Y/P
ZP	YS	VQ9	VK0H	TR	SV/A	PJ2	LU	JY	HL	FY	FG	E5/N	CE0X	9X	6Y	4J
ZS	YT	VR	VK0M	TT	SV5	PJ4	LX	K	HP	G	FH	E5/S	CE0Y	9Y	70	4L
ZS8	ΥV	VU	VK9C	TU	SV9	PJ5	LY	KG4	HR	GD	FJ	E6	CE0Z	A2	7P	40
	YE YI YJ YK YL YN YO YS	VP6/D VP8 VP8/G VP8/H VP8/O VP8/S VP9 VQ9 VR	V4 V5 V6 V7 V8 VE VK VK0H VK0M	TG TI TI9 TJ TK TL TN TR TR	S7 S9 SM SP ST SU SV SV/A SV5	OX OY OZ P2 P4 P5 PA PJ2 PJ4	KH9 KL7 KP1 KP2 KP4 KP5 LA LU	J8 JA JD1/M JD1/O JT JW JX JY K	HC HC8 HH HI HK HK0/M HK0/S HL	FR/G FR/J FR/T FT5W FT5X FT5Z FW FY G	ES ET EU EX EY EZ F FG FH	D2 D4 D6 DL DU E3 E4 E5/N	BY C2 C3 C5 C6 C9 CE CEOX	9L 9M2 9M6 9N 9Q 9U 9V 9X 9Y	5T 5U 5V7 5W 5X 5Z 6W 6Y	3D2/R 3DA 3V 3W 3XA 3Y/B 3Y/P 4J 4L

	Chart Legend									
White / Green	Entity Worked This Year by a Member									
Black / White	Very Active Entity Not Yet Worked									
Black / Blue	Entity with Announced DXpedition									
Black / Yellow	Rarely Active Entity Not Yet Worked									
Black / Red	Inactive Entity									
	Deleted Entity									

We are up and running again! Our leader, N6WT, worked DXCC in 5 days! Many ClubLog Leaders did it in less. Look at all the entities they have that we don't! Hey! Was anyone on from FP yet? Well someone worked one station. The same is true for D2, VK9L, XZ, YJ and Z2. Usually these clear out when someone actually operates from those entities.

There is no need to parse out slots, 6 meters, and 160 meters until we are further into the year.

Congratulations to the six members who have worked DXCC this month.

Nest month will be tough on the editor. The contests and DXpeditions during February will result in hours updating these charts!

FJ	G	_Y	PJ5								
	2	020 G	et Sch	roeder	Lead	ers					
	2	019 Tota	ıl Entitie	s Work	ed			285			
	2019 To	tal Enti	ties Wo	rked by	Januar	у		220			
	2020	<b>Entitie</b>	s Worke	d by S	CDXC			182			
	2019 SCDXC Entiles Worked by January										
		222									
201	2020 ClubLog Leaders 2019 ClubLog Leaders Entiles Worked by January										
		2019 S	CDXC M	lembers	3			273			
	20	19 SCD	XC Lead	der (N6\	NT)			251			
		2019 C	lubLog	Leaders	s			285			
Rank	Call	Entities	Lat Mo.	Last Yr	Leader	-Tot	-QQ	Uniques			
								16			
1	N6WT	161	161	-90	0	21	-61	7			
2	K6RO	152	152	-67	-9	30	-52	0			
3	N6WS	141	141	-105	-20	41	-41	2			
4	W6OU	114	114	-119	-47	68	-14	0			
5	W6TK	106	106	-140	-55	76	-6	0			
6	N6QQ	100	100	-140	-61	82	0	0			
7	WA5VGI	79	79	-135	-82	103	21	1			
8	NS6C	54	54	-133	-107	128	46	1			
9	N6GP	44	44	-115	-117	138	56	0			
10	N6RV	40	40	-200	-121	142	60	1			
11	N6DHZ	40	40	-100	-121	142	60	0			
12	ZL3TE	38	38	-70	-123	144	62	0			
13	N6VNI	37	37	-41	-124	145	63	0			
14	K6SY	34	34	-102	-127	148	66	0			

#### **SCDXC Worked Not ClubLog**

0

#### **ClubLog Worked Not SCDXC**

3V	AP	EY	T30	YΑ
4J	C2	FP	T5	ΥI
5A	CE9	H4	TT	ΥJ
8Q	D2	HH	V2	<b>Z</b> 2
9L	EK	HZ	VK9L	ZΑ
9Q	EL	JΥ	XU	
<b>A</b> 3	EP	S2	XW	
A6	ET	S7	XX9	
A9	EX	SU	XZ	

SCDXC Get Schroeder Standings 2020															
Rank	Call	160	80	60	40	30	20	17	15	12	10	6	Total	Slots	Yrs
1	N6WT	4	22	4	54	56	90	7	4	0	0	0	159	241	6
2	K6RO	4	18	9	99	23	127	75	29	1	1	0	151	386	32
3	N6WS	1	22	8	73	55	86	7	0	0	0	0	141	252	56
4	W6OU	2	6	0	20	2	75	20	6	0	0	0	113	131	57
5	W6TK	3	21	5	41	42	66	42	15	0	0	0	105	235	63
6	N6QQ	7	3	0	72	53	55	30	16	3	2	2	99	243	63
7	WA5VGI	38	0	15	8	0	33	14	5	0	0	0	78	113	36
8	NS6C	7	3	0	11	1	37	2	0	0	0	0	54	61	63
9	N6GP	0	18	0	1	0	36	0	2	0	1	0	43	58	31
10	N6RV	0	0	0	15	2	23	0	4	0	0	0	40	44	52
11	N6DHZ	0	7	0	18	0	28	0	6	0	0	0	38	59	32
12	ZL3TE	0	0	0	0	0	0	0	35	0	3	1	36	39	16
13	K6SY	0	6	0	20	6	17	4	0	0	0	0	32	53	51
14	N6V NI	2	0	0	0	0	31	0	0	0	0	0	32	33	31
15	K0XP	20	5	0	2	0	1	0	0	0	0	0	26	28	2
16	K6FG	8	0	0	8	0	10	0	0	0	0	0	21	26	64
17	KI6RRD	1	1	0	1	1	4	15	9	0	0	1	20	33	12
18	К7МҮ	0	0	0	3	0	14	0	9	0	0	0	20	26	43
19	N6PM	20	0	0	0	0	0	3	0	0	0	0	20	23	26
20	NK6A	0	0	0	4	0	14	0	8	0	0	0	16	26	75
21	N6DBF	0	0	0	15	1	2	0	0	0	0	0	15	18	34
22	W6SR	0	0	0	1	0	10	3	0	0	0	0	13	14	53
23	W6ENZ	9	0	0	3	0	3	0	0	0	0	0	12	15	53
24	KF6I	2	2	0	2	0	4	0	3	0	0	0	4	13	16
25	W6MKO	0	0	0	2	0	2	0	0	0	0	0	4	4	3
26	K7ACZ	0	0	0	0	0	3	0	0	0	0	0	3	3	51
27	KR6C	0	0	0	0	0	2	0	0	0	0	0	2	2	42
28	N6RRY	0	0	0	0	0	1	0	0	0	0	1	1	2	32
29	W6SW	0	0	0	0	0	1	0	0	0	0	0	1	1	41
32	KE6PLA	1	2	0	5	14	61	15	17	0	2	2	66	119	3
33	К7МҮ	0	7	0	26	0	42	0	32	0	4	0	62	111	42
34	N6DBF	0	1	0	40	23	25	0	3	0	0	1	55	93	33
35	W6LEN	0	6	0	27	11	28	10	8	0	1	0	47	91	41
36	W6SR	0	7	1	6	28	15	13	8	11	1	3	44	93	52
37	KR6C	2	1	0	17	2	14	1	5	0	2	0	34	44	41
38	NE6V	0	10	0	4	11	7	5	2	0	0	1	32	40	23
39	K9TAD	0	1	0	3	2	19	3	0	0	0	1	25	29	12
40	KB6CIO	0	4	0	9	10	13	8	4	0	0	0	21	48	36
41	N6RRY	0	1	0	9	0	8	0	0	0	0	1	16	19	31
42	KJ6UVQ	0	0	0	3	0	12	0	2	0	1	0	14	18	7
43	N6RU	0	0	0	1	0	12	0	3	0	0	0	14	16	13
44	W6SW	0	0	0	1	0	8	2	1	0	0	0	9	12	40
45	K6YUI	0	0	0	1	2	3	0	0	0	0	1	6	7	62
46	KC6X	0	5	0	0	0	0	0	0	0	0	0	5	5	42
47	AA6PW	1	3	0	4	0	3	0	2	0	0	0	4	13	32
48	W6KC	0	1	0	2	0	2	0	0	0	0	0	3	5	59

# For Sale

#### For Sale (K6RO)

# 2 Alpha 87a: 1500 watt amp

full output on all bands.

ser # 91190053 w/box and manual.

Comes with Alpha Power remote software. I never tried it.

I purchased this amp used in 2007 hoping to get back on the air.

Sat in box for 12 years. I never used it as my HOA said no radio. Very low hours.

Great amp for someone not wanting to spend \$6500 or more for a new amp.

\$2995 obo ..pickup only in RPV area.

# 1 Alpha 87a: 1500 watt amp

full output on all bands. w/box

I purchased it from a local ham who almost never used it. Excellent condition, very minimal paint chips.

Was back to Alpha for a minor repair in 2008, and almost no use since then.

Can supply a copy of my other manual.

\$2995 obo ..pickup only in RPV area.

**Used Force 12 C3-SS 10/15/20M Yagi**..works on 12/17 with a tuner.

Works great.

Retail new \$1229.00

Please Contact Larry at his QRZ.com email address.

#### For Sale (K6QU)

#### Icom PW-1- \$2000 plus shipping

Solid State Amplifier for sale. It has just been refurbished by Icom.

He will deliver it locally.

Contact Jerry at his QRZ.com email address.

#### For Sale (K6YRA)

Acom 2000A - \$2950 firm

One owner - New in 2008 - Great Condition!

50W in 1500W Out

Includes extra set of tubes, manual, Original box

Prefer pick up. 818 515 4075

#### For Sale (KR6C)

Yaesu FT-1000 - \$1800

Mint Condition

Contact Bart Doring, N7OD @ 951-201-2779

### Useful DX Sites

N0HR DXpedition Map www.n0hr.com/wk34/

The DX Zone

www.dxzone.com/catalog/DX Resources/

The Daily DX

www.dailydx.com/

Announced DX Ops

www.ng3k.com/misc/adxo.html

DXing.info

/www.dxing.info/dxpeditions/

DX 425 News

www.425dxn.org/dxped/

Dx-info.de www.dx-info.de

**DX Italia DX News** 

# **Propagation**

#### **Still More Zeroes!**

Well, things are picking up. We have sunspots and the SFI is rising above 70. Nevertheless, there are more days without sunspots than with!

# **Resource Page**

#### **ARRL VE Exam Sessions**

To find an ARRL exam sessions in your area go to the website:

http://www.arrl.org/find-an-amateur-radio-license-exam-session

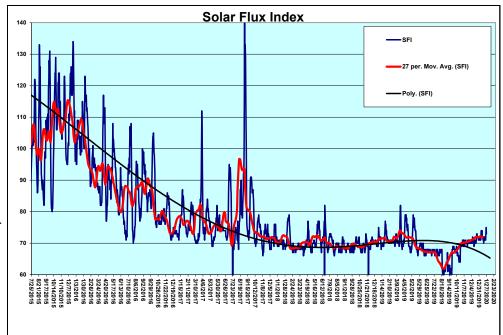
#### **Club and Conduct Sites**

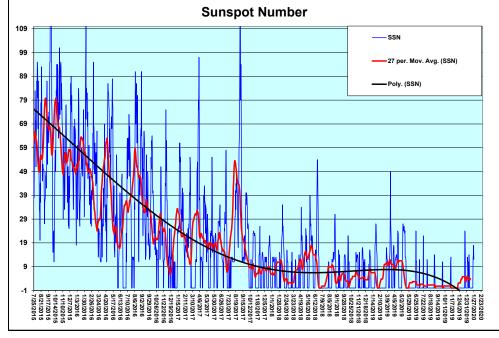
**Officer Guidelines** 

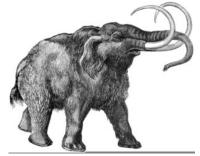
http://www.scdxc.org/download/Officer\_Guidelines.pdf

**DX Code of Conduct** 

http://www.dx-code.org/







Maunder Minimum.. Maunder Minimum!



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Anaheim	ana@hamradio.com	□	1-800-854-6046 III	□ □ 1-714-533-9485 □ □
Burbank	bnk@hamradio.com	1-818-842-1786 E	<b>1-800-854-6046</b> ■ □	□   □ 1-818-842-5283 □ □
San Diego	sd@hamradio.com	1-858-560-4900 III	□ <b>3</b> 1-800-854-6046 ■ □	□









#### Island Amplifier

John Stanford, KF6I 1260 Vina Del Mar Ave. Placentia, CA 92870 email: wb8svn@gmail.com web: islandamplifier.com (714) 412-7399

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